

Title/abstract:

Science and Deep Space Missions

Have you ever wondered about the science goals of various deep space missions? Or why scientists want such seemingly complicated spacecraft and operations scenarios? With a focus on outer planets, this talk will cover the scientific goals and results of several recent and future missions, how scientists approach a requirements flow down, and how the disparate needs of mission engineers and scientists can come together for mission success. It will also touch on several up and coming technologies and how they will change mission architectures in the future.